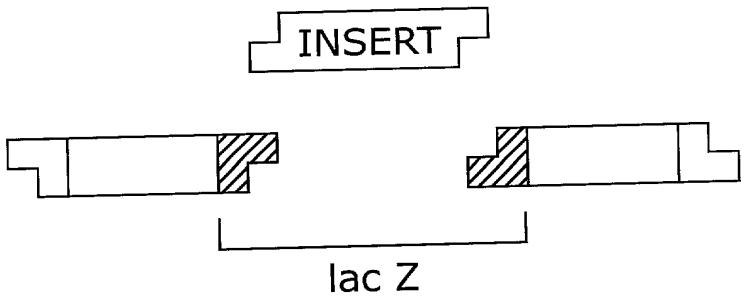


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#3



- 1) Ligate Insert
- 2) Helper phage will circularize /Gxise
- 3) White colonies should contain Insert

FIG. 1

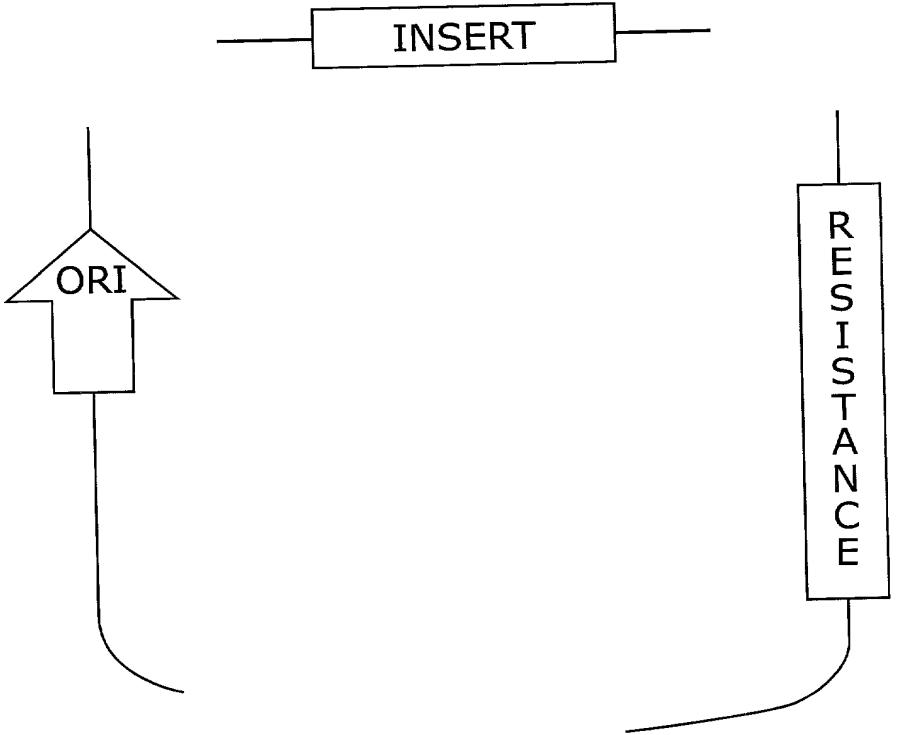


FIG. 2

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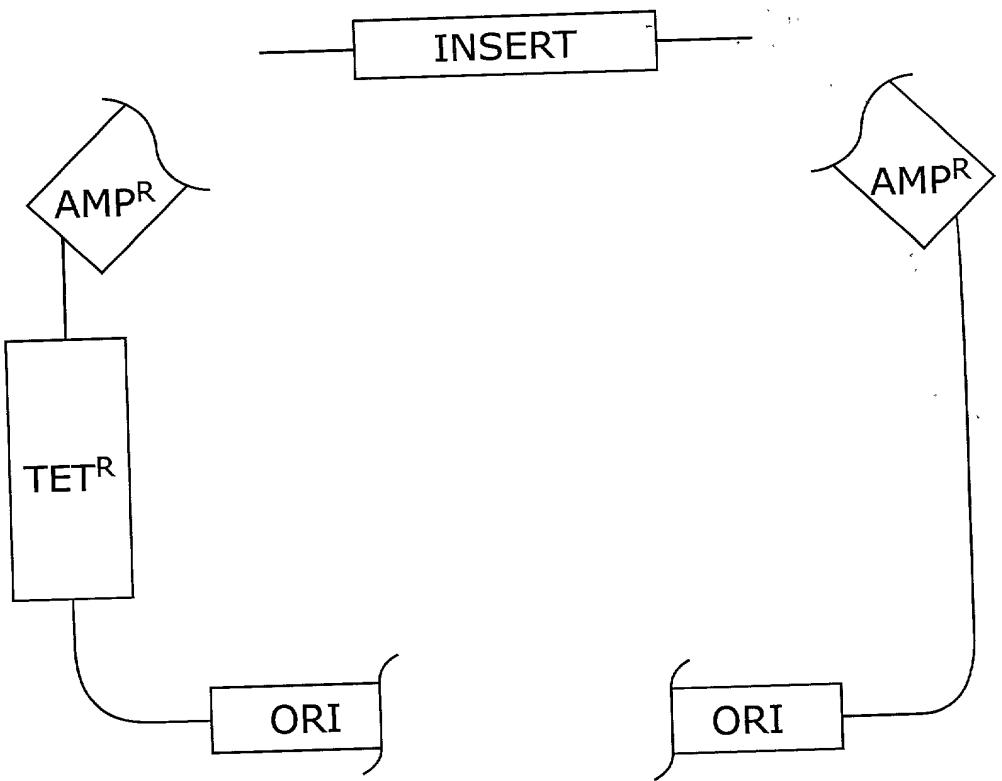


FIG. 3

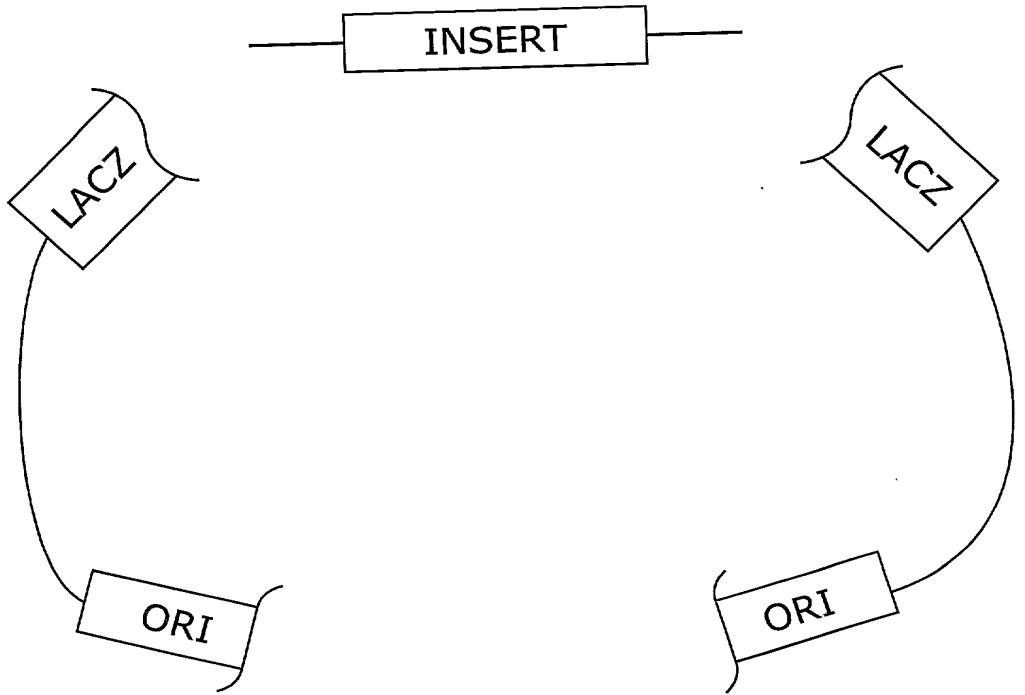


FIG. 4

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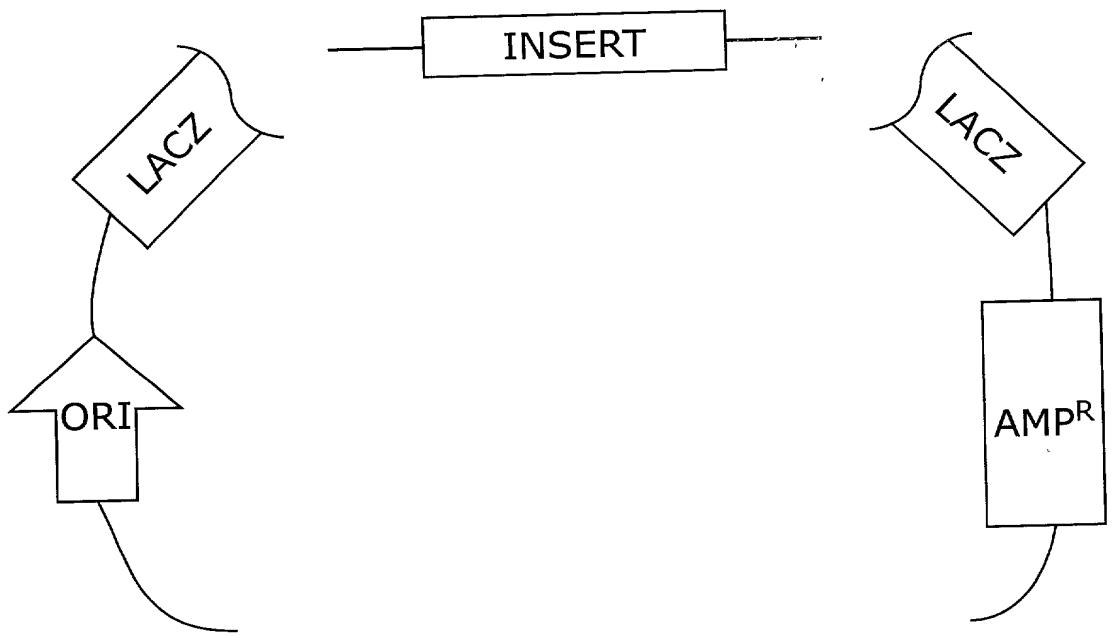


FIG. 5

FIG. 10354 - 010602

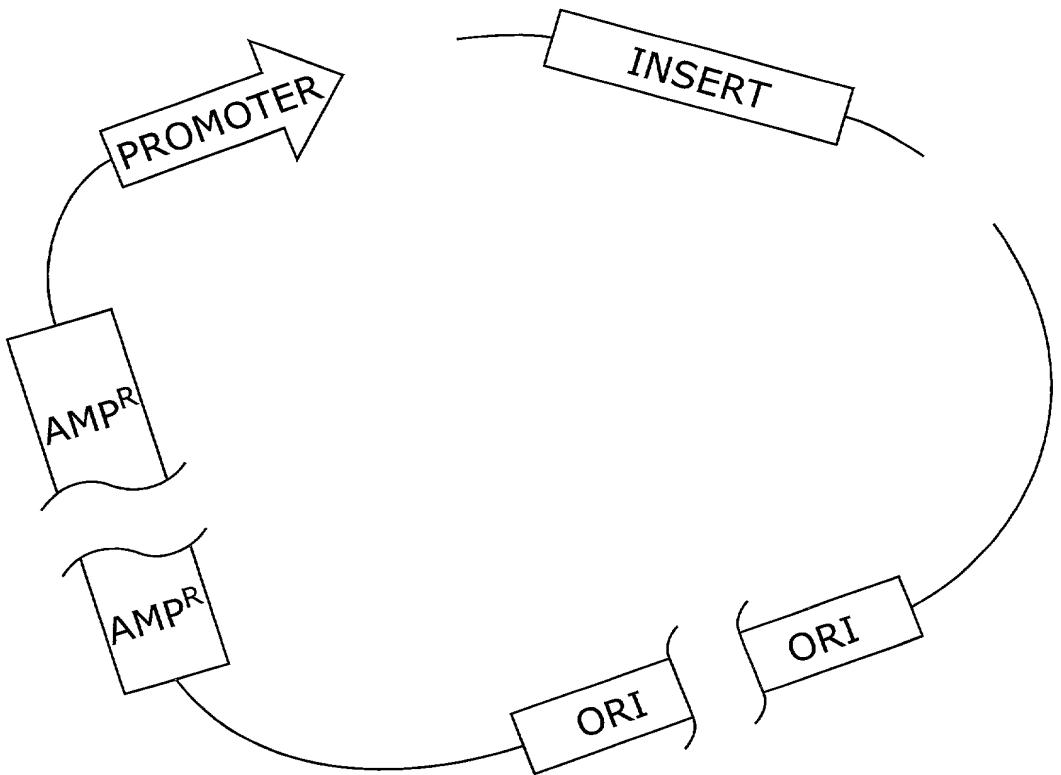


FIG. 6

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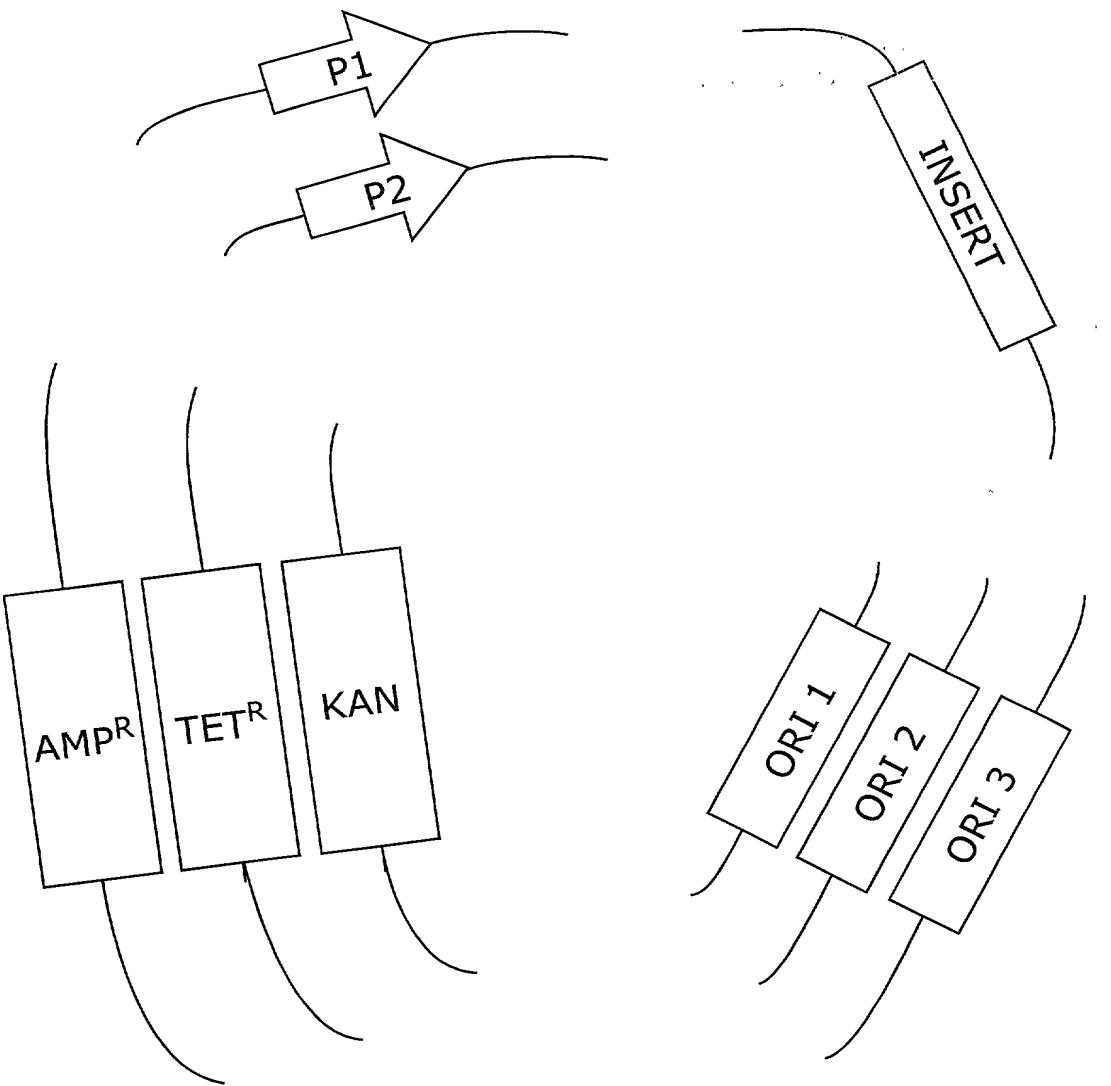


FIG. 7

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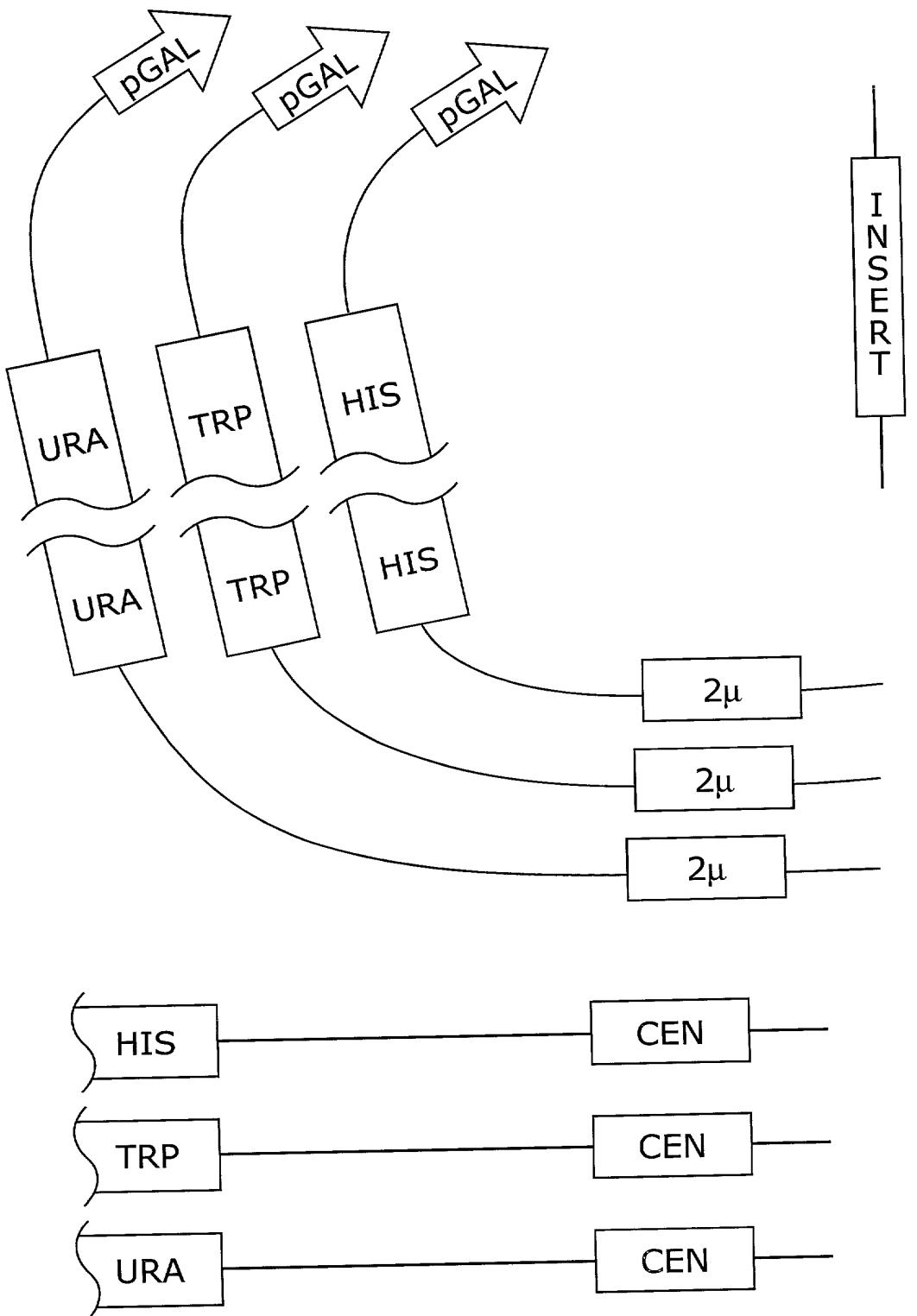


FIG. 8

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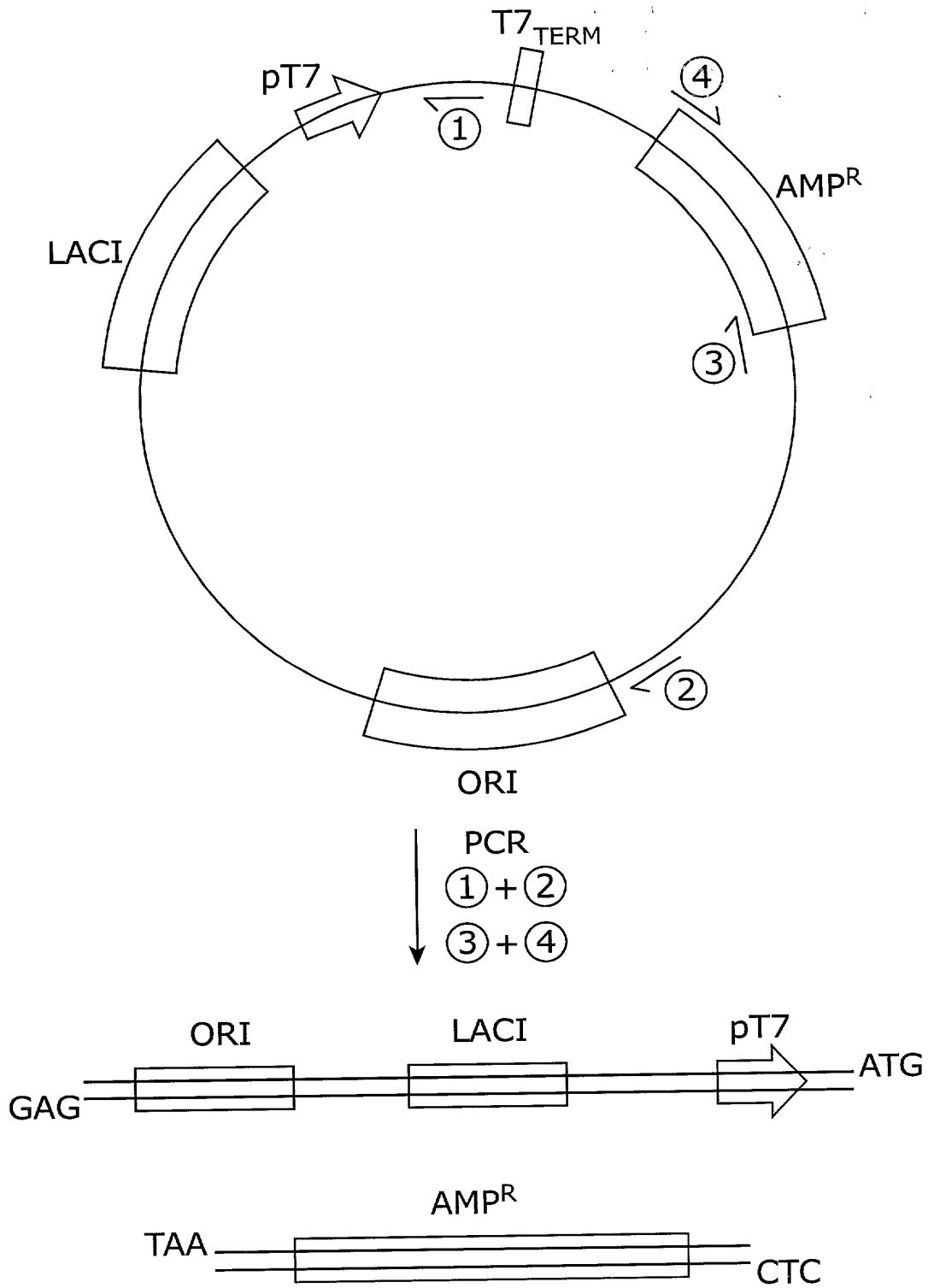


FIG. 9A

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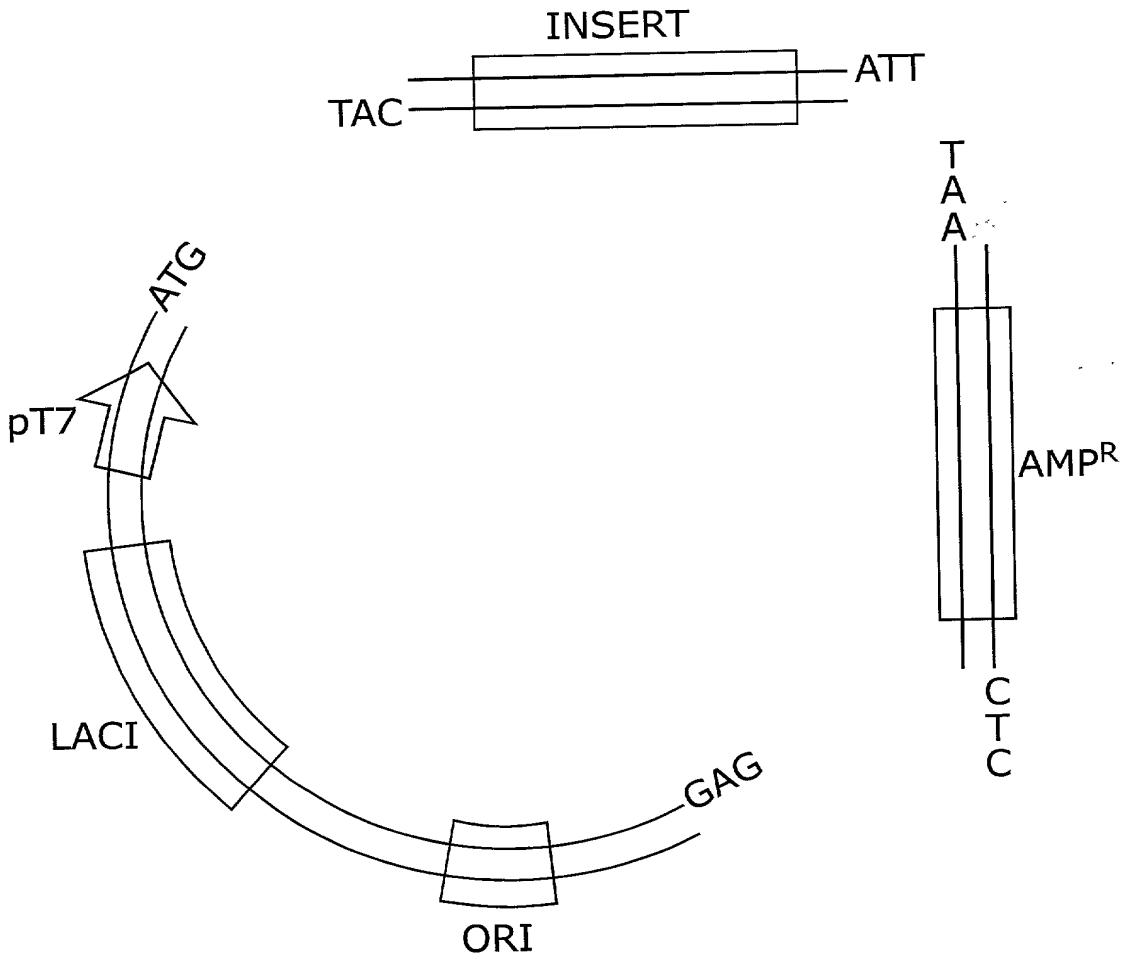


FIG. 9B

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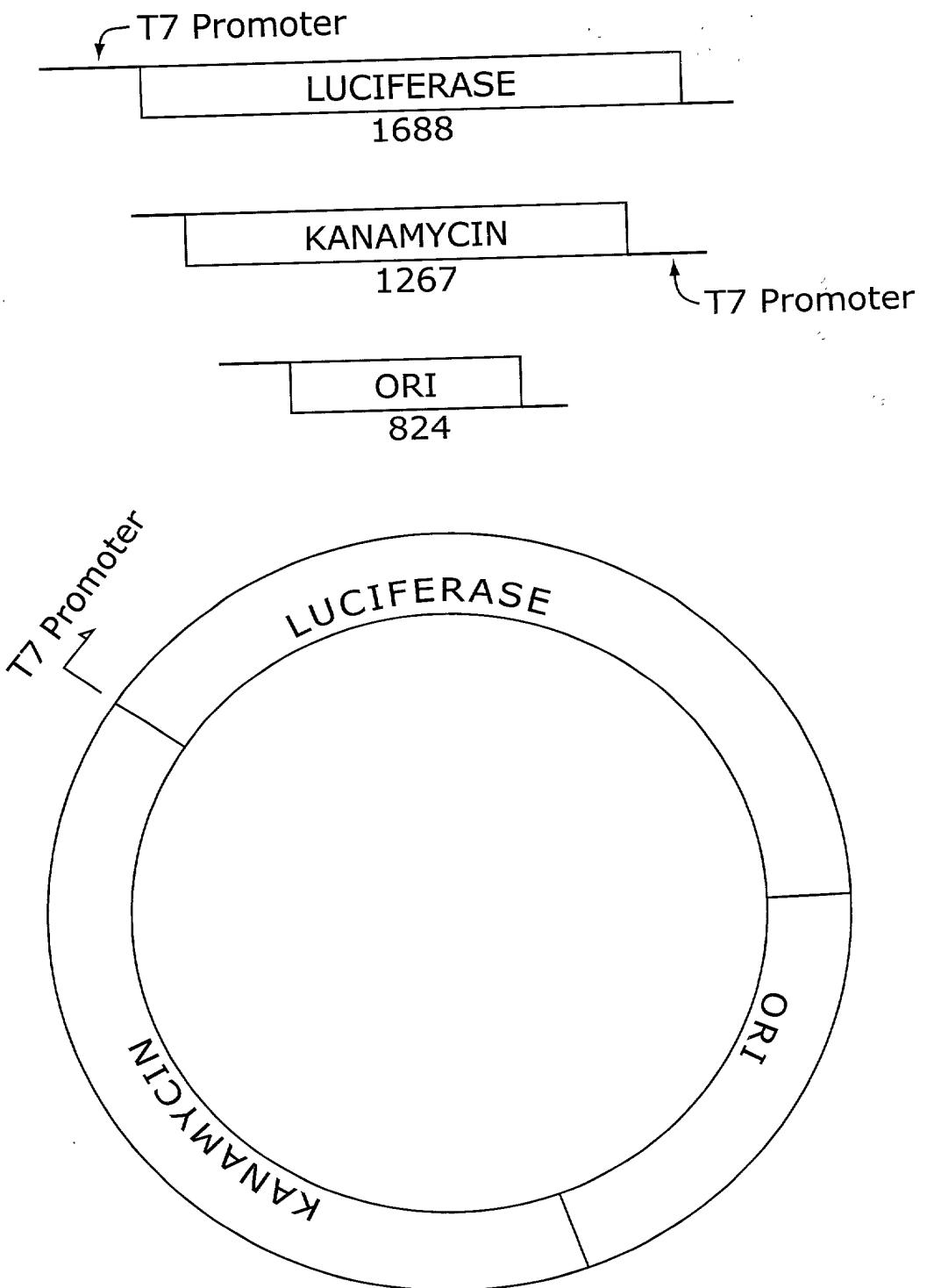


FIG. 10

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3nt + 1nt Ribo Terminator Cloning
(2 molecule Vector)

A

ORI 2400 nt - size RNA
3nt - 5'OST - CTG CTA AGT GAG cuc GAC AGA
TCG CTG AGA TAG GTG C RNA

3nt - 3'OHT - AAG CTT GCT AGG uag GCT ACG
TCT TGC TGG CGT TCG RNA

KAN 1267 - size

3nt - 5'KHT - CTA CCT AGC AAG cuu CTA
TCT GGA CAA GGG AAA ACG RNA

3nt - 3'KST - GAG CTC ACT TAG cag GGC
GAA AAC TCT CAA GGA TC RNA

B

ORI (s) 824 - size RNA
1nt - 1NT5'ORI - TTG CTA AGT GAG CTC GAC
AGA TCG CTG AGA TAG GTG C RNA
- 1NT3'ORI (s) - AAG CTT GCT AGG Tag
GGC GTT TTT CCA TAG GCT CCG RNA

KAN 1267 - size

1nt - 1NT5'KAN - CTA CCT AGC AAG CTu CTA
TCT GGA CAA GGG AAA ACG RNA
- 1NT3'KAN - GAG CTC ACT TAG CAa
GGC GAA AAC TCT CAA GGA RNA

FIG. 11